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In the Claims:

1. (Currently amended) Insulation arrangement for a pipe, especially for a pipe of a pneumatic system in a passenger transport aircraft, comprising an insulation material layer (6) and a pre-fabricated shell (9) that includes an outer sheath consisting of titanium foil (31), and first and second termination profiles, profile elements, wherein the outer sheath (3) has ~~at least one longitudinal seam (13)~~ and a first end section (32) and a second end section (33), and the outer sheath is connected at the first and second end sections respectively with the first and second termination ~~profiles, profile elements,~~ and wherein the shell (19) has at least one longitudinal seam (13), and is adapted to and does receive therein [[an]] the insulation material layer (6) and is adapted to be mounted on the pipe with the longitudinal seam of the outer sheath shell open, and with the insulation material layer (6) received in the [[shell-]] shell, and further comprising closure parts (14, 14') that are provided on the shell at the at least one longitudinal seam (13) and that are adapted to close the at least one longitudinal seam (13) after the shell is mounted on the pipe, and wherein the titanium foil (31) forming the outer sheath (3) has a profiled or patterned surface configuration.

1 2. (Currently amended) Insulation arrangement according to
2 claim 1, characterized in that each said termination
3 profile element (7) is embodied as a Z-profile element,
4 including an upper web (71) connected with the titanium
5 foil (31), and a middle web (72) as well as a lower web
6 (73) that form a receiver receiving the insulation material
7 layer (6).

Claims 3 to 10 (Canceled).

1 11. (Currently amended) Insulation arrangement according to
2 claim 1, characterized in that the shell (9) is embodied as
3 a full shell including only a single one of the
4 longitudinal seam, [[which]] and the shell is opened at the
5 longitudinal seam (13) and slipped over the pipe (2), and
6 is closed by means of the closure parts which comprise
7 joint webs (14, 14') provided on the longitudinal
8 seam (13).

1 12. (Currently amended) Insulation arrangement according to
2 claim 11, characterized in that ~~a connection on the~~
3 ~~longitudinal seam (13) between~~ the joint webs (14, 14')
4 ~~is produced~~ are joined together by adhesive bonding or
5 welding to close the longitudinal seam.

1 13. (Currently amended) Insulation arrangement according to
2 claim 1, characterized in that the shell (9) ~~is embodied as~~

3 comprises two half shells, ~~which comprise~~ joined along two
4 of said longitudinal seams, and the two half shells are
5 positioned on the pipe (2), and ~~the insulation is~~ are
6 closed by ~~means of the closures parts which comprise~~ joint
7 webs (14, 14') provided on the longitudinal seams.

1 14. (Currently amended) Insulation arrangement according to
2 claim 13, characterized in that ~~a connection on the~~
3 ~~longitudinal seam (13) between the joint webs (14, 14')~~
4 ~~is produced~~ are joined together by adhesive bonding or
5 welding to close the two longitudinal seams.

1 15. (Currently amended) Insulation arrangement according to
2 claim 1, characterized in that the closure parts comprise
3 a securing web (15) that is provided along the longitudinal
4 seam and that is configured to produce a form-locking
5 ~~secured connection is provided on the longitudinal seam.~~
6 connection.

Claim 16 (Canceled).

1 17. (Previously presented) Insulation arrangement for a pipe,
2 especially for a pipe of a pneumatic system in a passenger
3 transport aircraft, which essentially comprises at least
4 one insulation layer (6), an outer sheath consisting of
5 titanium foil (31), and first and second termination
6 profiles, wherein the outer sheath (3) has at least one

longitudinal seam (13) and a first end section (32) and a second end section (33), and said outer sheath is connected at said first and second end sections respectively with said first and second termination profiles, whereby said outer sheath and said termination profiles connected thereto form a shell (9) into which the insulation layer (6) is insertable, wherein the outer sheath (3) comprises outlet holes (5), warning wires (11) are arranged above the outlet holes (5), and an anti-rotation securement (8) is provided, which prevents a position change between the pipe (2) and the shell (9).

18. (Previously presented) Insulation arrangement according to claim 17, characterized in that the anti-rotation securement (8) is a partial adhesive connection, as a fillet joint seam (81) of a temperature resistant adhesive or a paste between the termination profile (7) and the pipe (2).

19. (Currently amended) Insulation arrangement according to claim 1, ~~characterized in that~~ further comprising stiffening elements (12) that are at least partially applied onto the inner side of the titanium foil (31).

20. (Currently amended) ~~[[An]]~~ A pre-fabricated insulation arrangement for thermally insulating a pipe, said insulation arrangement comprising:

4 a shell that comprises:

5 a cylindrical outer sheath comprising a titanium
6 foil, and having ~~a longitudinal seam extending~~
7 ~~therealong in a longitudinal direction, and~~
8 a first end section and a second end section at
9 opposite first and second ends of said outer
10 sheath in ~~[[said]]~~ a longitudinal direction;

11 a metal first termination profile element positioned
12 within and connected to said first end section of
13 said outer sheath and extending radially inwardly
14 from said outer sheath; and

15 a metal second termination profile element positioned
16 within and connected to said second end section
17 of said outer sheath and extending radially
18 inwardly from said outer sheath;

19 wherein said first and second termination ~~profiles~~
20 profile elements are spaced apart from one
21 another in said longitudinal direction; and

22 wherein said shell has a longitudinal seam extending
23 therealong in said longitudinal direction, and
24 further comprises closure parts that are provided
25 at said longitudinal seam and that are adapted to
26 be secured together so as to close said
27 longitudinal seam;

28 and

29 at least one layer of thermal insulation material inserted
30 into said shell through said longitudinal seam of said
31 ~~outer sheath shell~~ to form a cylindrical annular

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32 insulation material jacket adapted to surround the
33 pipe, wherein said cylindrical annular insulation
34 material jacket is received and held by said
35 termination profiles profile elements in a cylindrical
36 annular shell space bounded longitudinally between
37 said termination profiles profile elements and bounded
38 radially inside said outer sheath;

39 wherein said pre-fabricated insulation arrangement
40 including said cylindrical annular insulation material